PHOTOGRAPHIC INTERPRETATION MEMORANDUM



HA NOI AREA COMMUNICATIONS FACILITIES PROBABLY USED FOR INSURGENCY OPERATIONS

NPIC/R-47/68 MARCH 1968

AUTOMATIC DOWNGRADING AND DECLASSIFICATION

Approved For Release 2000/06/30 : CIA-RDP78B04560A006200010043-3

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Analysis of the antennas at Ha Noi Communications Facility South indicates that this is one of the two main stations probably used to communicate with Ha Noi-directed Communist insurgents in Southeast Asia. The second station is Lang Truoc Communications Facility, 13.5 nautical miles (nm) north of Ha Noi.

is of sufficient quality to 25X1D Aerial photography of determine that the antenna system at Ha Noi Communications Facility South is probably capable of communicating with any other communications facility within approximately 600 nm of Ha Noi. This would extend southward to within 100 nm of Saigon and northward past Chungking, China.

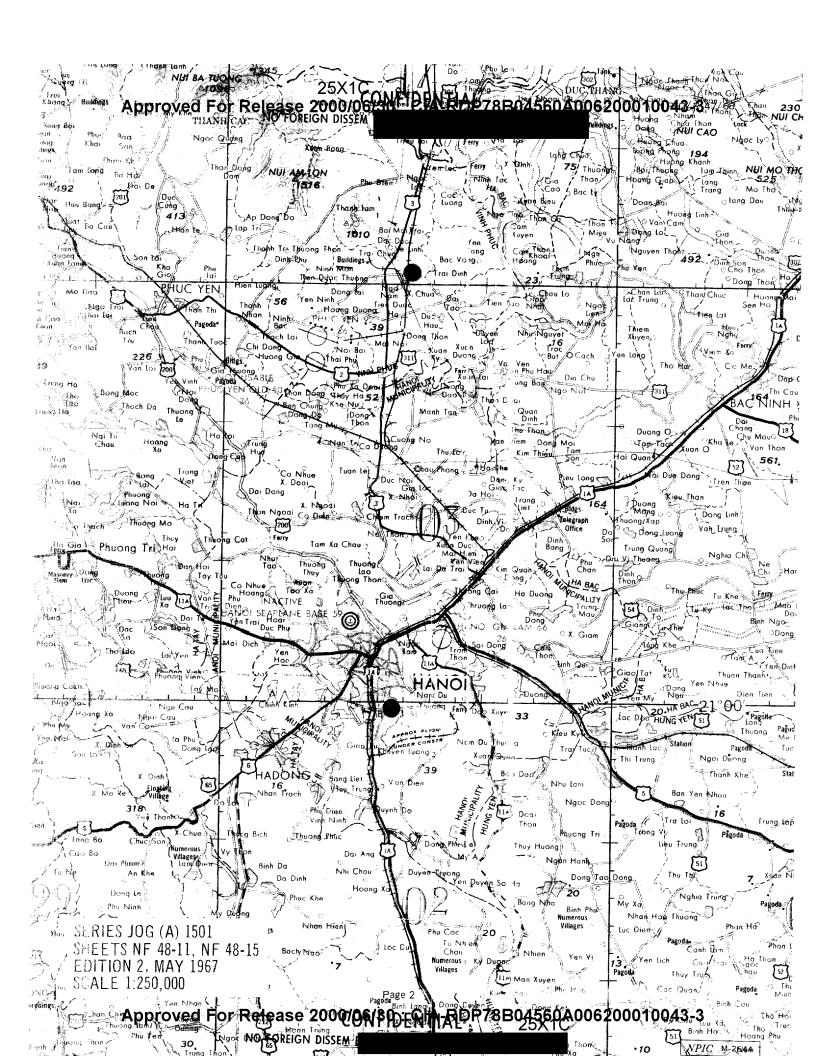
The Lang Trucc Communications Facility contains rhombic antennas oriented towards Moscow and Peiping, vee antennas for short-range omnidirectional communications, and horizontal dipole antennas oriented for multiple frequency communications with all of Southeast Asia from Rangoon to the South Vietnam coast.

The Ha Noi facility was initially reported as a radiotelegraph station 25X1D in 1951, but on no antennas or masts were visible and none of the buildings could be associated with communications. 25X1D most of the buildings had been replaced (with the exception of an L-shaped control building) but there was still no communications signature. Blast walls were subsequently constructed around two of the buildings and in photography led to the identification of 10 probable stick 25X1D masts, and the redesignation of the site as a probable communications facility. Five pairs of horizontal dipole antennas were identified by NPIC 25X1D photography, confirming the installation as a communications facility. (NPIC cable message 3165, dated 4 March 1968.) 25X1D

The facility at Lang Truoc, probably constructed in now contains an antenna field extending north and south of the control building, a large single rhombic and a small double rhombic in day-night pairs, one small single rhombic, four vee, and 13 horizontal dipole antennas.

Of the seven major communications facilities previously identified in the Ha Noi area, only the two listed in this memorandum have the majority of their antennas oriented on azimuths that could support insurgent activity in Southeast Asia.

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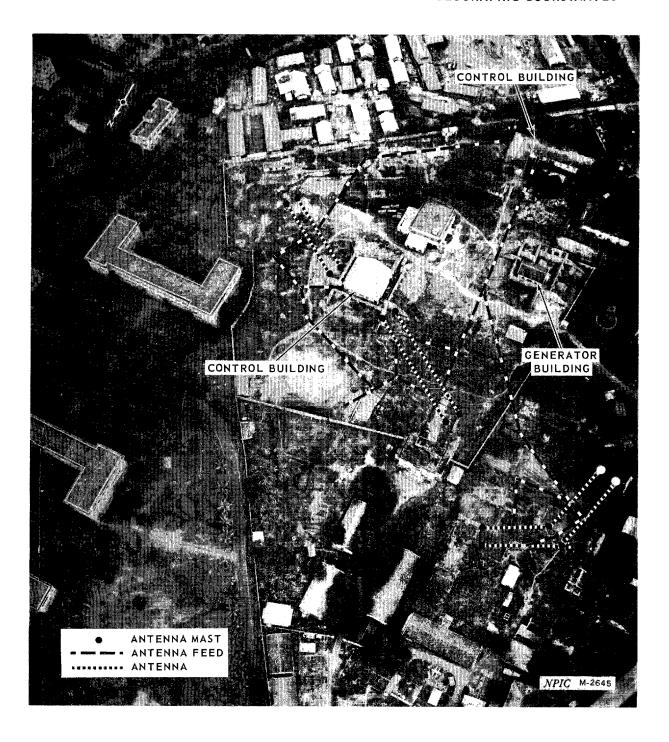
25X1D

UTM COORDINATES

HANOI COMMUNICATIONS FACILITY SOUTH

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GEOGRAPHIC COORDINATES

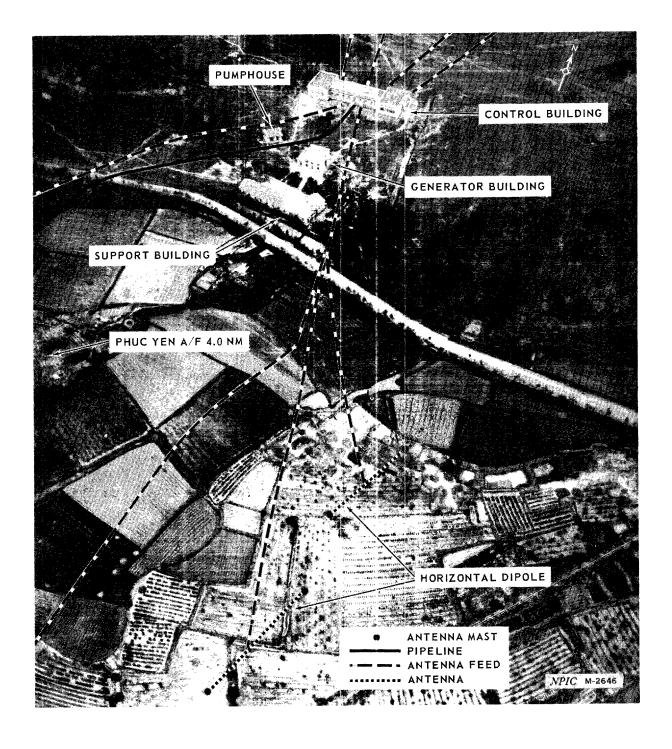


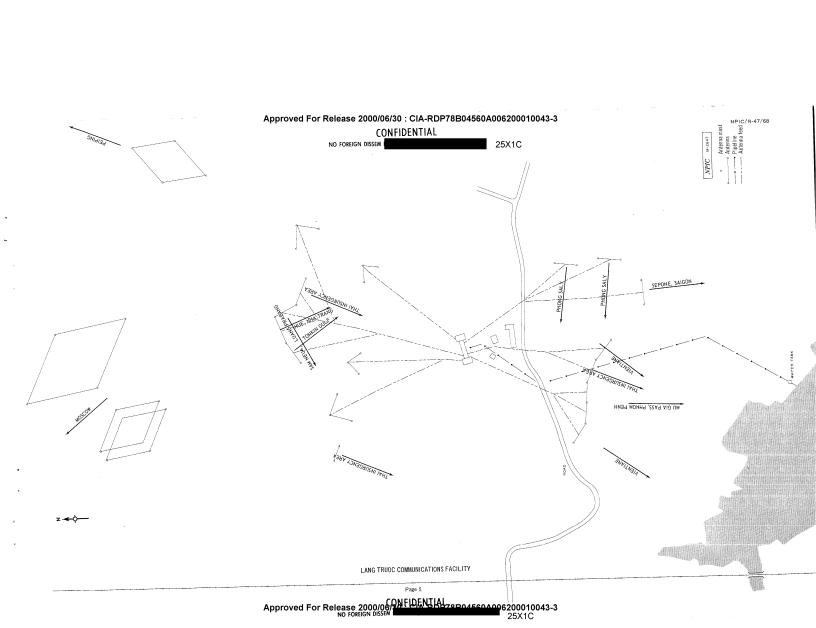
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25X1D UTM COORDINATES

LANG TRUOC COMMUNICATIONS FACILITY

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